

Minutes

ENTSO-E Workshop with the DSOs Technical Expert Group on Operational Planning and Scheduling Network Code (OP&S NC)

23 May 2012
10:00 h – 12:00 h
Avenue de Cortenbergh 100 - 1000 Brussels

Participation

DSOs Technical Expert Group for OS NC			
Johan	Lundqvist	Svensk Energi	Sweden
Javier	Meco	Endesa	Spain
David	Trebolle	Gas Natural Fenosa	Spain
David	Vangulick	ORES	Belgium
Florian	Chapalain	EDSO for Smart Grids	Belgium
Marc	Lagouardat	Electricité Réseau Distribution France (ERDF)	France
Gert	Jüchter	EWE NETZ GmbH	Germany
Sophie	Tielemans	Eurelectric	Belgium
ACER (videoconference)			
Uros	Gabrijel	ACER	Slovenia
Anne	De Geeter	ACER	Slovenia
Emmanouil	Styvaktakis	ACER	Slovenia
ENTSO-E			
Mark	Copley	ENTSO-E	Belgium
Yves	Harmand	RTE	France
David	Reeves	National Grid	UK
Olivia	Alonso	REE	Spain
Kimmo	Kuusinen	Fingrid	Finland
Rudolf	Baumann	Swissgrid	Switzerland
Oliver	Bronckart	Coreso	Belgium
Glen	Flanagan	SONI	Ireland
Louise	Overvad Jensen	Energinet	Denmark
Kristof	Sleurs	Elia	Belgium
Stefan	Weyand	Amprion	Germany
Ramunas	Bikulcius	ENTSO-E	Belgium
Pilar	Munoz-Elena	ENTSO-E	Belgium

Programme

9 :30 – 10:00	<i>Registration/Welcome coffee</i>	
10:00 – 10:15	Welcome	Mark Copley <i>ENTSO-E Consultation Manager</i>

10:15 – 10:45	First draft Operational Planning and Scheduling NC - Scope - Questions for the Workshop	Yves Harmand <i>ENTSO-E Convenor of OP&S NC Drafting Team</i>
10:45 – 12:00	- Questions & remarks of the DSOs Technical Expert Group - Topics of special interest	Workshop participants
12:00	<i>End of Workshop</i>	
12:00 – 13:00	<i>Lunch</i>	

Presentations are accessible on the ENTSO-E website.

Welcome

Welcome and introduction was made by Mark Copley. DSOs have an important responsibility for system security, so it is important to take into account DSOs feed-back in the development of the codes.

First draft Operational Planning and Scheduling NC

Yves Harmand presented the general issues covered by the draft NC, the general position of the code regarding network codes under development and other legal documents, roadmap (workshops, public consultation) and the content of the first draft OP&S NC (presentation is available at the ENTSO-E website).

In the common presentation as general opinion, DSOs TEG (presentation is available at the ENTSO-E website) highlighted the following comments:

- 1) **DSO's** are key agents as **market facilitators and system operators, not system users.**
- 2) **Relevant DSO's**, i.e. DSOs which may have an impact on cross-border connections, are also in charge of security of supply so that **OP&S issues should be included in the code for relevant DSO's purposes.**
- 3) **Definitions** should be **clear and consistent** among the codes. European legislation should be taken into account.
- 4) **Data for security and scheduling** purposes at **short time ahead** scales should be **considered for relevant DSO's**
- 5) Voltage control is a local phenomenon. **TSO to provide reserves to DSO** and not vice versa. **Relevant DSO might receive DER voltage control contribution.** IF TSO required DER information, DSO will act as facilitators.
- 6) More detailed comments to the code will be sent by 1st of June.

ENTSO-E appreciated common contribution of the DSO associations to the discussion and expressed that comments and contributions from stakeholders are very important in the coming work.

Questions & remarks of the DSOs Technical Expert Group

Discussion on the DSOs TEG presentation of common opinion was held and questions asked/answered during the presentation. The main issues and the outcome of the discussions are below.

DSOs TEG comment. Relevant DSOs activities are related to cross border issues and they should be allowed to collect and aggregate information from embedded generation and exchange with TSOs.

Some definitions, not consistent between codes, are presented by DSOs TEG. The DSOs TEG proposal is to have same definitions in different concerned NCs and propose to make these definitions in line with ACER FG and current European Regulatory Framework.

ENTSO-E. For consistency of definitions ENTSO-E established a team from representatives from each drafting team to ensure the consistency.

DSOs. The same data on day ahead time scale for security analysis is needed to the relevant DSOs, who make influence on cross borders. The detailed list of data will be provided together with detailed comments by 1 June. DSO considers that voltage control should provide safe voltage margin to customers and minimize losses, thanks to reactive power flows optimisation. Any requirement established by TSO at the TSO/DSO will be compatible with this approach.

- 1) Generators in distribution system shall participate in voltage control and deliver this service to the DSO;
- 2) DSOs shall coordinate the voltage control actions with DER* in distribution system.

*DER – Distributed Energy Resources (generators, demand, electrical cars, storages, etc.)

ENTSO-E. Security analysis on cross borders is already managed by TSOs and takes into account the internal control area security issues on connection borders with DSOs, generators and consumers connected to transmission system. The voltage control issue is more related to OS NC. The scope of OP&S NC is cross border voltage security analysis issues and cover possibility of voltage collapse on large zones influencing the neighbouring systems, but internal voltage quality control at TSO-DSO border should be covered by national legislation.

General comment. Voltage control capabilities are related to system design, development and covered by connection codes.

DSOs TEG comment. The Demand Connection Code go's very deep in the distribution system, but system operation codes cover only the cross border issues. There is quite big difference of detailness in the network codes. DSOs role in managing DER embedded in their networks should be recognized. If this is not recognised, DSOs will not be able to guarantee security of supply and their facilitator role to TSO if needed.

ENTSO-E. The NCs on system operation are not considering each grid user on distribution level. Common aggregated value of demand and generation is relevant to ensure interoperability between TSOs and TSO-DSO. Mainly behaviour and response of aggregated mass of DER, which is in distribution system, is important for system security analysis.

DSOs TEG comment. It is not always clear if the NC is relevant to DSOs, because some proposed requirements concerning DSOs are not precise enough (e.g. in DCC). Only after DSOs understands the requirements in the code and the relevance to DSO's customers, DSOs could propose more relevant solutions to get the same results.

Yves Harmand concluded that the general opinion and recommendations presented by DSOs TEG focused on OP&S NC specified with relevant comments, which DSOs TEG will send to the DT for OP&S NC by 1 June 2012 will be revised and taken into account in the next version of the OP&S NC and presented in the next workshop at the end of July 2012.

Marc Copley and Yves Harmand thanked the participants for active participation, constructive and practical comments and closed the Workshop.